

ALESSANDRO MASCAGNI

AUGYLES VIKLUNDI N. SP. FROM CHINA
(Coleoptera, Heteroceridae)

Abstract. *Augyles viklundi sp. n.* from China is described and illustrated. The fifteen chinese Heteroceridae species are listed.

Riassunto. *Augyles viklundi sp. n.* from China (Coleoptera, Heteroceridae). L'autore descrive e raffigura *Augyles viklundi sp. n.* della Cina ed elenca le quindici specie cinesi note.

Key words. Coleoptera, Heteroceridae, *Augyles*, *Heterocerus*, new species, checklist, China.

Introduction

Fifteen species are known from China up to this day (GROUVELLE 1896, 1915; Wu 1933, 1937; LI 1992; MASCAGNI 1995, 2003; SKALICKÝ 2004). The study of entomological material from collection of Swedish Museum of Natural History, Stockholm (NHRS), has revealed one new species from China that is described below.

Description of the new species

Augyles viklundi sp. n.

Type material. Holotypus ♂ (NHRS): Kina, N.O. Szechuan, 23.V.1930, Sven Hedins Exp. Ctr. Asien, Dr. Hummel. Allotypus ♀ and Paratypus ♀, same data as Holotypus.

Description. Holotypus ♂: total lenght 3.57 mm (to apex of labrum); elytra 2.43 mm long, 1.57 mm wide across shoulders. Head dark brown, thick pubescence whitish; small mandibles with acute apex; antennae with 11 segments, apical 7 clubbed; clypeus without pair of anterior horns, with dense and short setae. Pronotum dark brown, as wide as the base of elytra, trapezoidal, narrow anteriorly and bordered posteriorly; dense whitish pubescence with hairs longer on the sides; densely dotted. Elytra with dense whitish pubescence; irregularly and densely punctate; elytral markings as in fig.1. Legs brown, densely hairy; tibiae with numerous spines. Abdomen brown, brightened on the sides; stridulatory arch not marked, with striae; post-metacoxal line present; spiculum gastrale (fig. 3) V-shaped. Aedeagus 0.85 mm long, shape as in fig. 2.

Allotypus ♀: total lenght 4.64 mm (to apex of labrum); elytra 2.93 mm long, 1.93 mm wide across shoulders. Habitus similar to Holotypus.

Paratypus ♀: total lenght 4.50 mm (to apex of labrum); elytra 3.07 mm long, 2.07 mm wide across shoulders. Habitus similar to Holotypus.

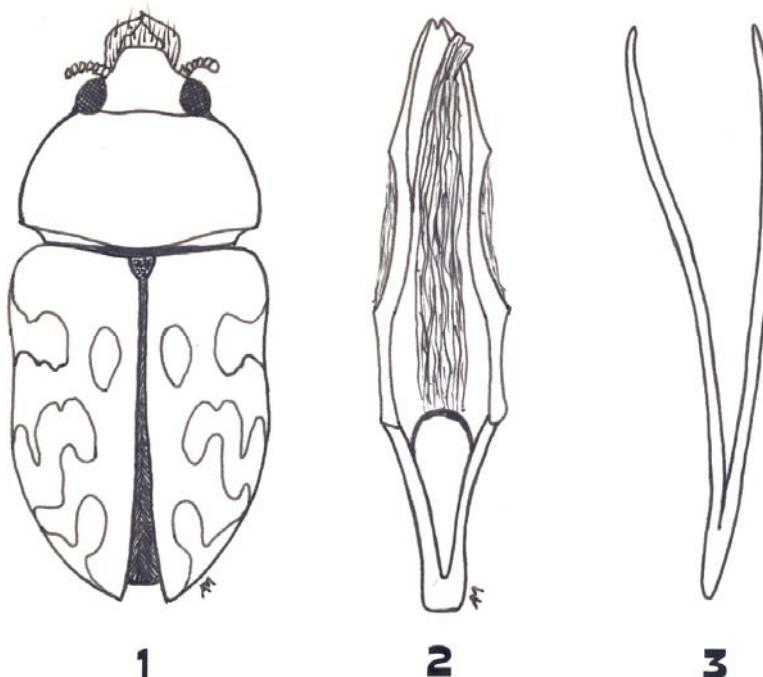
Differential diagnosis. *Augyles viklundi* sp. n. is not closely related to any species belonging to the genus *Augyles*. It differs from the other species of the genus in the structure of the male genitalia (figs. 2-3).

Distribution. Known only from the type locality.

Etimology. The new species is dedicated to Dr. Bert Viklund, curator of Swedish Museum of Natural History.

Checklist of the Heteroceridae of China

Augyles dilutissimus (Reitter, 1887)
Augyles holdhausi (Mamitza, 1907)
Augyles interspidulus (Charpentier, 1979)
Augyles japonicus (Kôno, 1931)
Augyles manfredjaechi (Mascagni, 1995)
Augyles robustus Mascagni, 2003
Augyles sinensis (Grouvelle, 1896)
Augyles taiwanensis (Mascagni, 1995)
Augyles viklundi n. sp.
Heterocerus fenestratus (Thunberg, 1784)
Heterocerus infuscatus Grouvelle, 1911
Heterocerus nepalensis Mascagni, 1993
Heterocerus sauteri Grouvelle, 1911
Heterocerus sichuanensis Mascagni, 2003
Heterocerus stultus Grouvelle, 1915
Heterocerus virgatus Mamitza, 1933



Figs. 1-3. *Augyles viklundi* sp. n., holotypus: 1) dorsal view, elytral markings; 2) aedeagus, dorsal view; 3) spiculum gastrale.

Acknowledgement

Sincere thanks are due to Dr. Bert Viklund for the loan of the material under his care.

References

GROUVELLE A., 1896. Potamophilides, Dryopides, Helmides et Heterocerides des Indes Orientales. *Annali del Museo civico di Storia naturale, "G. Doria"*, Genova 17 (2): 32-56.

GROUVELLE A., 1915. *Heterocerus stultus* n. sp. *Bulletin de la Société entomologique de France*, 1915 (6): 105-107.

LI J., 1992. The Coleoptera Fauna of Northeast China. *Jilin: Jilin Education Publishing House*, 205 pp.

MASCAGNI A., 1995. Heteroceridae: Check list of the Heteroceridae of China and neighbouring countries , and description of two new species (Coleoptera) (pp. 341-348). In: JÄCH M.A. & JI L. (eds.). Water Beetles of China, Vol. 1. *Wien: Zoologisch-Botanische Gesellschaft und Wiener Coleopterologenverein*, 410 pp.

MASCAGNI A., 2003. Descriptions of three new species, and updated checklists of the Heteroceridae of China and neighbouring countries (Coleoptera: Heteroceridae). *Koleopterologische Rundschau*, 73: 285-296.

SKALICKÝ S., 2004. Revision of Asian Heteroceridae described by Mamitza (1933), with descriptions of four new species from Laos and Myanmar (Coleoptera: Heteroceridae). *Koleopterologische Rundschau*, 74: 399-412.

WU C.F., 1933. Aquatic Insects of China. Article XIII. Catalogue of Chinese Heteroceridae. *Peking Natural History Bulletin*, 7 (4): 347-349.

WU C.F., 1937. Catalogus insectorum sinensium (Catalogue of Chinese insects). Vol. III. *Peiping (Beijing), The Fan Memorial Institute of Biology*, 1312 pp.

ZAITZEV PH.A., 1910. Pars 17. Dryopidae, Cyathoceridae, Georyssidae, Heteroceridae (pp. 53-68). In: SCHENKLING S. (ed.). *Coleopterorum Catalogus*. *Berlin, W. Junk*, 68 pp.

Author address: Alessandro Mascagni, Museo di Storia Naturale dell'Università degli Studi di Firenze, Sezione di Zoologia "La Specola", Via Romana 17, I-50125 Firenze (Italy), pcfmas@tin.it